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organic and inorganic drugs exerting a biological effect when administered to an animal.

18. The method of claim **14** wherein the biologically active substance is an antigen and the liposomes are administered to the animal in an amount effective to elicit a humoral or cell mediated immune response against the antigen. 5

19. The method of claim **14** further comprising providing an adjuvant in the hydrophobic layer of the liposome.

20. The method of claim **14** wherein the administration is by an oral route. 10

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21. The method of claim **14** wherein the administration of sublingual, buccal, or rectal.

22. The method of claim **14** wherein the administration is through mucosa.

23. A method of orally delivering therapeutics to a mammal which comprises administering to said mammal a polymerized liposome comprising a polymerized phospholipid bilayer, therapeutic agent encapsulated in an aqueous core of said liposome and a lectin wherein the lectin is Ulex Europeans Agglutinin(UEA).

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